

1 41419/VGG/P622

CLEMATIS PLANT NAMED 'VANSO'

5 BACKGROUND OF THE INVENTION

The present invention relates to a new Clematis plant having the varietal denomination 'VANSO'. 'VANSO' was discovered as a natural branch mutation of the variety 'MRS. CHALMONDELEY', not known to be patented.

10 SUMMARY OF THE INVENTION

The new variety is a Clematis plant with a climbing habit distinguished by production of fully double flowers. Asexual reproduction of the new variety as performed by softwood cuttings in Boskoop, the Netherlands has confirmed that the distinguishing characteristics of the new variety are transmitted through succeeding generations.

COMPARISON WITH PARENT

20 The new variety differs from its parent, 'MRS. CHALMONDELEY', in producing flowers which are fully double; whereas flowers of the parent variety are single.

25

30

35

1 41419/VGG/P622

#### BRIEF DESCRIPTION OF ILLUSTRATIONS

5 The accompanying illustrations depict specimen flowers of the new variety in color as true as possible in color photographic illustrations of this nature.

One figure shows the plant of the new variety with a cluster of flowers; and

10 The other figure shows a close up of the flower of the new variety.

#### DETAILED DESCRIPTION OF THE NEW VARIETY

15 The following is a description of the new variety taken from plants grown out-of-doors in Boskoop, the Netherlands during the month of June. Color designations used herein are from the ROYAL HORTICULTURAL SOCIETY COLOR CHART ("RHSC").

#### PLANT

20 The plant grows in a climbing habit and attains a height of slightly more than 2 M. with vigorous growth.

#### FOLIAGE

25 Size: About 5 cm. to 8 cm. long and up to about 4.8 cm. wide.

Quantity: About 6 leaves (3 pairs of opposite leaves) per about 15 cm. stem.

#### Color

##### Immature foliage

30 Upper side: Between 141A and 143A

Underside: Between 146A and 146B

##### Mature foliage

Upper side: Near 137A

Under side: Between 137B and 137C

35

1 41419/VGG/P622

Shape: Trifoliolate - leaflets are ovate  
to narrow ovate

5 Texture

Upper side: Smooth

Under side: Smooth

Veination: Anastomosing

Edge: Smooth with no serration  
observed.

10

Petiole color

Top surface: Near 166A

Under side: Between 143A and 141B

Stipules: No stipules observed

15

Auricles: No auricles observed

Rachis: Smooth

WOOD

Color: Near 143A

Bark: Bark has short pale greyish hairs

20

FLOWER

Color: Clear blue double flowers

WINTER HARDINESS

Winter hardy in USDA Zone 5

RESISTANCE TO DISEASE

Good, no more susceptible to  
disease than its parent variety  
or other similar varieties.

25

BREEDING

Asexual reproduction was started  
from softwood cuttings during the  
summer months in tunnels.  
Natural mutation was observed  
when one branch of the parent  
variety flowered with double  
flowers. This mutation branch  
was then propagated by softwood  
cuttings.

30

35

1 41419/VGG/P622

STAMENS, FILAMENTS & ANTHERS

Arrangement:

Flowers are completely double, so  
no stamens, styles, etc. are  
visibly present. No seed  
formation observed.

5

10

15

20

25

30

35